What is claimed is:

1. A method of producing an inducing feed composition, said method comprising the steps of:
   a. Mixing a first solution with a whole cellulase preparation to give a first mixture; and
   b. Incubating the first mixture at a temperature and for a sufficient time to produce the inducing feed composition.
2. The method of Claim 1 wherein the first solution is a concentrated glucose solution comprising from about 5% to about 75% (wt/wt) glucose.
3. The method of Claim 1 wherein the first solution is a concentrated glucose solution comprising from about 50% to about 75% (wt/wt) glucose.
4. The method of Claim 1 wherein the first solution is a cellobiose solution comprising from about 5% to about 40% (wt/wt) cellobiose.
5. The method of Claim 1 wherein the first solution is a cellobiose solution comprising from about 20% to about 40% (wt/wt) cellobiose.
6. The method of Claim 1 wherein the whole cellulase preparation is from about 2 g/L to about 10 g/L protein.
7. The method of Claim 1 wherein the whole cellulase preparation is about 5 g/L protein.
8. The method of Claim 1 wherein the temperature is from about 50°C to about 75°C.
9. The method of Claim 1 wherein the solution is incubated for between 8 hours and 500 hours.
10. The method of Claim 1 wherein the solution is incubated for between 48 hours and 72 hours.
11. An inducing feed composition produced by the method of Claim 1.
12. The inducing feed composition of Claim 11 comprising a mixture of sugars.
13. The inducing feed composition of Claim 11 comprising sophorose.
14. The inducing feed composition of Claim 11 comprising gentiobiose.
15. A method for producing proteins comprising providing a host cell with the inducing feed composition of Claim 11.
16. The method of claim 15 wherein the protein produced is an endogenous cellulase.
17. The method of claim 15 wherein the host cell has been transformed with an expression construct comprising a promoter operably linked to a gene encoding a protein of interest.
18. The method of claim 17 wherein the promoter is an inducible promoter.
19. The method of claim 17 wherein the promoter is a cellulase gene promoter.
20. The method of claim 19 wherein the promoter is the *cbh 1* promoter from *Trichoderma reesei.*

21. The method of claim 18 wherein the inducible promoter is a sophorose-inducible promoter.

22. The method of claim 18 wherein the inducible promoter is a gentiobiose-inducible promoter.

23. The method of claim 17 wherein the protein of interest is a heterologous protein.

24. The method of claim 23 wherein the heterologous protein is selected from the group consisting of hormones, enzymes, growth factors, cytokines, and antibodies.

25. The method of claim 15 wherein the host cell is a filamentous fungus.

26. The method of claim 25 wherein the fungus is selected from the group consisting of *Trichoderma, Humicola, Fusarium, Aspergillus, Neurospora, Penicillium, Cephalosporium, Achlya, Podospora, Endothia, Mucor, Cochliobolus* and *Pyricularia*.

27. The method of claim 26 wherein the fungus is *Trichoderma spp.*

28. The method of claim 27 wherein the fungus is *Trichoderma reesei.*

29. The method of claim 26 wherein the fungus is *Penicillium spp.*

30. The method of claim 29 wherein the fungus is *Penicillium funiculosum.*

31. The method of claim 15 wherein the host cell is a bacteria.

32. The method of claim 31 wherein the bacteria is selected from the group consisting of *Streptomyces, Thermomonospora, Bacillus,* and *Cellulomonas*.

33. The method of Claim 1 wherein the whole cellulase preparation is immobilized